

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 11

Application Number	10/725,850
Filing Date	December 2, 2003
First Named Inventor	Wenguang Ma et al.
Art Unit	1771
Examiner Name	Hai Vo
Attorney Docket No.	ALCN-101US2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
HV		US-3,413,387	6/4/1965	Ohsol	
		US-3,467,570	9/16/69	Baxter et al.	
		US-3,573,152	3/30/71	Wiley et al.	
		US-3,674,719	7/4/72	Jenkins	
		US-3,723,586	3/27/73	Foster et al.	
		US-3,830,604	8/20/74	Korpela	
		US-3,857,914	12/31/74	Aishima et al.	
		US-3,861,977	1/21/75	Wiley	
		US-3,954,365	5/4/76	Barth et al.	
		US 3,954,555	5/4/76	Kole et al.	
		US-3,954,928	5/4/76	Omori et al.	
		US-3,980,513	9/14/76	Omori et al.	
		US-3,993,721	11/23/76	Soda et al.	
		US-4,032,275	6/28/77	Schwab et al.	
		US-4,073,842	2/14/78	Smith	
		US-4,074,960	2/21/78	Dockray et al.	
		US-4,192,839	3/11/80	Hayashi et al.	
		US-4,221,621	9/9/80	Seki et al.	
		US-4,224,264	9/23/80	Ort et al.	
		US-4,284,596	8/18/81	Inokuchi et al.	
		US-4,312,960	1/26/82	Ort et al.	
		US-4,361,453	11/30/82	Gagliani et al.	
		US-4,369,261	1/18/83	Gagliani et al.	
		US-4,394,461	7/19/83	Stott	
		US-4,401,612	8/30/83	Nehmey et al.	
		US-4,409,165	10/11/83	Kim	
		US-4,419,309	12/6/83	Krutchen	
		US-4,431,752	2/14/84	Oswitch, deceased	
		US-4,438,058	3/20/84	Tanaka	
		US-4,438,223	13/20/84	Hunter	
		US-4,440,704	4/4/84	Bussey, Jr.	
		US-4,440,876	4/3/84	Mazzola eal.	
		US-4,454,087	6/12/84	Hayashi et al.	
		US-4,456,571	6/26/84	Johnson	
HV		US-4,462,947	7/31/84	Huggard	
Examiner Signature	Hai Vo			Date Considered	12/12/05

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¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard SL3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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PTO/SB/08a (08-03) (AW 10/2003)

Approved for use through 7/31/2008. OMB 0851-0031

<p>Substitute for Form 1449A/PTO</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;"><i>(Use as many sheets as necessary)</i></p>	<p style="text-align: center;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/725,650</td> </tr> <tr> <td>Filing Date</td> <td>December 2, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Wenguang Ma et al.</td> </tr> <tr> <td>Art Unit</td> <td>1771</td> </tr> <tr> <td>Examiner Name</td> <td>Hai Vo</td> </tr> <tr> <td>Attorney Docket No.</td> <td>ALCN-101US2</td> </tr> </table>	Application Number	10/725,650	Filing Date	December 2, 2003	First Named Inventor	Wenguang Ma et al.	Art Unit	1771	Examiner Name	Hai Vo	Attorney Docket No.	ALCN-101US2
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U.S. PATENT DOCUMENTS					
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		Number - Kind Code ² (if known)			
HV		US-4,464,484	8/7/84	Yoshimura	
		US-4,465,649	8/14/84	Johnson	
		US-4,465,792	8/14/84	Carr et al.	
		US-4,469,651	9/4/84	Hahn et al.	
		US-4,470,938	9/11/84	Johnson	
		US-4,479,914	10/10/84	Baumrucker	
		US-4,486,369	12/4/84	Schaffler et al.	
		US-4,491,554	1/1/85	Hamel et al.	
		US-4,508,669	4/2/85	Iwai et al.	
		US-4,520,137	5/28/85	Hamel et al.	
		US-4,522,954	6/11/85	Ive	
		US-4,525,440	6/25/85	Barnette et a.	
		US-4,525,485	6/25/85	Maeda et al.	
		US-4,532,094	7/30/85	Wu et al.	
		US-4,536,427	8/20/85	Kohn	
		US-4,548,775	10/22/85	Hayashi et al.	
		US-4,550,123	10/29/85	Lopatin et al.	
		US-4,562,022	12/31/85	Li et al.	
		US-4,579,874	4/1/86	Krutchen et al.	
		US-4,579,878	4/1/86	Krutchen et al.	
	US-4,600,727	7/15/86	Pastorino		
	US-4,606,873	8/19/86	Biglione et al.		
	US-4,613,627	9/23/86	Sherman et al.		
	US-4,665,105	5/12/87	Krutchen et al.		
	US-4,693,856	9/15/87	Rubens et al.		
	US-4,728,472	3/1/88	Windley		
	US-4,730,009	3/8/88	Soredal		
	US-4,753,762	6/28/88	Li et al.		
	US-4,755,408	7/5/88	Noel		
HV		US-4,801,484	1/31/89	Yao et al.	
Examiner Signature	Hai Vo			Date Considered	12/12/05

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete If Known

Application Number	10/725,850
Filing Date	December 2, 2003
First Named Inventor	Wenguang Ma et al.
Art Unit	1771
Examiner Name	Hai Vo
Attorney Docket No.	ALCN-101US2

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
HV		US-4,810,440	6/27/89	Yoshida et al.	
		US-4,824,720	4/25/89	Malone	
		US-4,837,060	6/6/89	Bambara et al.	
		US-4,843,109	6/27/89	Bailey et al.	
		US-4,858,629	8/22/89	Cundari	
		US-4,879,078	11/7/89	Antoon, Jr.	
		US-4,917,845	4/17/90	Cohn	
		US-4,923,654	5/8/90	Freeland	
		US-4,942,092	7/17/90	Takabayashi et al.	
		US-4,980,389	12/25/90	Hill et al.	
		US-4,990,542	2/5/91	Motani et al.	
		US-4,865,786	9/12/89	Shibukawa et al	
		US-5,000,991	3/19/91	Hayashi et al.	
		US-5,023,009	6/11/91	Merchant	
		US-5,023,010	6/11/91	Merchant	
		US-5,064,559	11/12/91	Merchant et al.	
		US-5,071,884	12/10/91	Malone	
		US-5,080,823	1/14/92	Arnaud et al.	
		US-5,082,608	1/21/92	Karabedian et al.	
		US-5,086,083	2/4/92	Franklin et al.	
		US-5,089,187	2/18/92	Aptel et al.	
		US-5,089,193	2/18/92	Behrens et al.	
		US-5,096,638	3/17/92	Meyke	
		US-5,098,595	3/24/92	Merchant	
		US-5,100,572	3/31/92	Merchant	
		US-5,109,029	4/28/92	Malone	
HV		US-5,122,316	6/16/92	Saatchi et al.	
		US-5,124,095	6/23/92	Gianni et al.	
Examiner Signature	Hai V.			Date Considered	12/12/05

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10725,850
Filing Date	December 2, 2003
First Named Inventor	Wenguang Ma et al.
Art Unit	1771
Examiner Name	Hai Vo
Attorney Docket No.	ALCN-101US2

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
W		US-5,124,097	6/23/92	Malone	
		US-5,124,098	6/23/92	Vischer	
		US-5,128,079	7/7/92	Damle et al.	
		US-5,133,913	7/28/92	Miyakawa et al.	
		US-5,134,028	7/28/92	Hayashi et al.	
		US-5,140,052	8/18/92	Franklin	
		US-5,141,530	8/25/92	Jensvold et al.	
		US-5,151,229	9/29/92	Burns	
		US-5,160,674	11/3/92	Colton et al.	
		US-5,182,040	1/26/93	Bartlett et al.	
		US-5,185,111	2/9/93	Laza,	
		US-5,188,748	2/23/93	Arnaud et al.	
		US-5,202,069	4/13/93	Pontiff	
		US-5,206,082	4/27/93	Malone	
		US-5,221,492	6/22/93	Barlett	
		US-5,223,545	6/29/93	Kumar	
		US-5,229,432	7/20/93	Muschiatti	
		US-5,234,640	8/10/93	Amano et al.	
		US-5,234,963	8/10/93	Garcia et al.	
		US-5,240,634	8/31/93	Merchant	
		US-5,246,976	9/21/93	Pontiff	
		US-5,250,579	10/5/93	Smits et al.	
		US-5,254,400	10/19/93	Bonner, Jr. et al.	
		US-5,262,444	11/16/93	Rusincovitch et al.	
		US-5,266,251	11/30/93	Jensen	
		US-5,271,886	12/21/93	Collom et al.	
W		US-5,277,852	1/11/94	Spydevold	
Examiner Signature	Hai Vo			Date Considered	12/12/05

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Art Unit	1771
Examiner Name	Hai Vo
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SHEET 5 of 11

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		US-5,314,925	5/24/94	Burnell et al.	
		US-5,314,927	5/24/94	Kondo et al.	
		US-5,317,033	5/31/94	Motani et al.	
		US-5,317,044	5/31/94	Mooney et al.	
		US-5,321,052	6/14/94	Taka et al.	
		US-5,328,650	7/12/94	Ingram et al.	
		US-5,334,336	8/2/94	Franz et al.	
		US-5,348,985	9/20/94	Pearce et al.	
		US-5,358,675	10/25/94	Campbell et al.	
		US-5,360,829	11/1/94	Kawabe et al.	
		US-5,362,763	11/8/94	Al Ghatta et al.	
		US-5,368,794	11/29/94	Ou	
		US-5,373,026	12/13/94	Bartz et al.	
		US-5,384,203	1/24/95	Apfel	
		US-5,387,617	2/7/95	Hedstrande et al.	
		US-5,389,319	2/14/95	Hayashi et al.	
		US-5,391,582	2/21/95	Muschiatti et al.	
		US-5,391,694	2/21/95	Duh et al.	
		US-5,397,807	3/14/95	Hitchcock et al.	
		US-5,399,595	3/21/95	Sublett et al.	
		US-5,405,563	4/11/95	Hayashi et al.	
		US-5,407,966	4/18/95	Ebert et al.	
		US-5,409,962	4/25/95	Bartlett et al.	
		US-5,411,683	5/2/95	Shah	
		US-5,411,689	5/2/95	Lee et al.	
		US-5,422,381	6/6/95	Al Ghatta et al.	
		US-5,424,016	6/13/95	Kolosowski	
		US-5,458,832	10/17/95	Kabumoto et al.	
HV		US-5,468,430	11/21/95	Ekiner et al.	
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Art Unit	1771
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Attorney Docket No.	ALCN-101US2

SHEET 6 of 11

U.S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)			
IV		US-5,474,695	12/12/95	Macauliere et al.	
		US-5,475,035	12/12/95	Park et al.	
		US-5,475,037	12/12/95	Park et al.	
		US-5,482,977	1/9/96	McConnell et al.	
		US-5,500,173	3/19/96	Dugan	
		US-5,507,982	4/16/96	Brotz	
		US-5,508,316	4/16/96	Nakamura et al.	
		US-5,514,192	5/7/96	Grigsby, Jr.	
		US-5,523,036	6/4/96	Luke et al.	
		US-5,531,944	7/2/96	Frisch	
		US-5,565,497	10/15/96	Godbey et al.	
		US-5,567,370	10/22/96	Deseke et al.	
		US-5,569,421	10/29/96	Grone	
		US-5,580,503	12/3/96	Hall, III et al.	
		US-5,601,753	2/11/97	Omure et al.	
		US-5,603,873	2/18/97	Ingram et al.	
		US-5,605,937	2/25/97	Knaus	
		US-5,618,853	4/8/97	Vonken et al.	
		US-5,648,017	7/15/97	Bartlett et al.	
		US-5,667,740	9/16/97	Spydevold	
		US-5,670,102	9/23/97	Perman et al.	
		US-5,679,295	10/21/97	Harfmann	
		US-5,681,501	10/28/97	Minor	
		US-5,681,865	10/28/97	Harfmann	
		US-5,696,176	12/9/97	Khemani et al.	
		US-5,700,407	12/23/97	Branger	
		US-5,707,571	1/13/98	Reedy	
		US-5,707,573	1/13/98	Biesenberger et al.	
		US-5,710,186	1/20/98	Chaudhary	
		US-5,710,189	1/20/98	Brandt	
		US-5,723,510	3/3/98	Kabumoto et al.	
Examiner Signature		Hai Vo		Date Considered	12/12/05

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/725,650
Filing Date	December 2, 2003
First Named Inventor	Wenguang Ma et al.
Art Unit	1771
Examiner Name	Hai Vo
Attorney Docket No.	ALCN-101US2

SHEET 7 of 11

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
HV		US-5,730,894	3/24/98	Minor	
		US-5,733,472	3/31/98	Minor et al.	
		US-5,753,157	5/19/98	Hall, III et al.	
		US-5,753,161	5/19/98	Lightle et al.	
		US-5,762,818	6/9/98	Minor et al.	
		US-5,776,990	7/7/98	Hedrick, et al.	
		US-5,780,539	7/14/98	Tung	
		US-5,783,610	7/21/98	Fukushima et al.	
		US-5,786,398	7/28/98	Hulls et al.	
		US-5,798,063	8/25/98	Bender et al.	
		US-5,798,160	8/25/98	Kohn	
		US-5,804,112	9/8/98	Greene	
		US-5,811,038	9/22/98	Mitchell	
		US-5,811,164	9/22/98	Mitchell	
		US-5,823,669	10/20/98	Jones	
		US-5,830,393	11/3/98	Nishikawa et al.	
		US-5,833,894	11/10/98	Lanzani et al.	
		US-5,833,896	11/10/98	Jacobs et al.	
		US-5,833,782	11/1998	Crane et al.	
		US-5,840,212	11/24/98	Doerge	
		US-5,847,012	12/8/98	Shalaby et al.	
		US-5,847,017	12/8/98	Brandt	
		US-5,854,294	12/29/98	Hirosawa et al.	
		US-5,866,053	2/2/99	Park et al.	
		US-5,889,064	3/30/99	Herrmann	
		US-5,902,529	5/11/99	Ishikawa et al.	
		US-5,904,972	5/18/1999	Tunis III et al.	
		US-5,912,279	6/15/99	Hammel et al.	
		US-5,922,782	7/13/99	Khemani	
		US-5,925,450	7/20/99	Karabedian et al.	
		US-5,938,874	8/17/99	Palomo et al.	
		US-5,955,511	9/21/99	Handa et al.	
HV		US-5,977,195	11/2/99	Craig et al.	
Examiner Signature	Hai Vo			Date Considered	12/12/05

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³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10725,650
Filing Date	December 2, 2003
First Named Inventor	Wenguang Ma et al.
Art Unit	1771
Examiner Name	Hai Vo
Attorney Docket No.	ALCN-101US2

SHEET 8 of 11

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
HV		US-5,980,795	11/9/99	Klotzer et al.	
		US-5,985,190	11/16/99	Harfmann	
		US-5,994,418	11/30/99	Weiser et al.	
		US-6,005,013	12/21/99	Suh et al.	
		US-6,005,014	12/21/99	Blackwell et al.	
		US-6,013,194	1/11/00	Minor	
		US-6,015,516	1/18/00	Chung et al.	
		US-6,020,393	2/1/00	Khemani	
		US-6,031,011	2/29/00	Tapscott	
		US-6,033,748	3/7/00	Dunning et al.	
		US-6,051,174	4/18/00	Park et al.	
		US-6,054,500	4/25/00	Ghatta et al.	
		US-6,057,379	5/2/00	Choi et al.	
		US-6,066,680	5/23/00	Cope	
		US-6,063,316	5/16/00	Harfmann	
		US-6,071,580	6/6/00	Bland et al.	
		US-6,080,798	6/27/00	Handa et al.	
		US-6,080,799	6/27/00	Kruecke et al.	
		US-6,093,350	7/25/00	Sadinski	
		US-6,093,750	7/25/00	Craig et al.	
		US-6,103,152	8/15/00	Gehlsen et al.	
		US-6,110,983	8/29/00	Tokoro et al.	
		US-6,130,261	10/10/00	Harfmann	
		US-6,153,293	11/28/00	Dahl et al.	
		US-6,169,122	1/2/01	Blizard et al.	
		US-6,172,127	1/9/01	Cho et al.	
		US-6,172,128	1/9/01	Lau et al.	
		US-6,210,788	4/3/01	Cuypers	
HV		US-6,228,897	5/8/01	Daly et al.	
Examiner Signature	Hai Vo			Date Considered	12/12/05

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Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/725,650
Filing Date	December 2, 2003
First Named Inventor	Wenguang Ma et al.
Art Unit	1771
Examiner Name	Hai Vo
Attorney Docket No.	ALCN-101US2

SHEET 9 of 11

U.S. PATENT DOCUMENTS

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 10 of 11

Complete if Known

Application Number	10/725,650
Filing Date	December 2, 2003
First Named Inventor	Wenguang Ma et al.
Art Unit	1771
Examiner Name	Hai Vo
Attorney Docket No.	ALCN-101US2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM- DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
HV	1.	JP 411152363A (with English Language Abstract)	6/8/99	Kanegafuchi Chem Ind Co. Ltd.		<input type="checkbox"/>
	2.	JP 02000052397A (with English Language Abstract)	2/22/00	Nippon Shokubai Co Ltd.		<input type="checkbox"/>
	3.	JP 411166066A (with English Language Abstract)	6/22/99	Kanegafuchi Chem Ind. Co. Ltd.		<input type="checkbox"/>
	4.	JP 02001347535A (with English Language Abstract)	12/18/01	Sekisui Plastics Co. Ltd.		<input type="checkbox"/>
	5.	JP 02001096599A (with English Language Abstract)	4/10/01	Sekisui Plastics Co. Ltd.		<input type="checkbox"/>
	6.	JP 407252724A (with English Language Abstract)	10/3/95	Teijin Ltd.		
	7.	JP 0200345019A (with English Language Abstract)	12/12/00	Sekisui Plastics Co. Ltd.		
	8.	EP 279668	8/24/88	Dow Chemical Co. (US)		
HV	9.	DE 21 16 940	4/7/71	Plastic-Werk Scherer & Trier oHG		

Examiner
Signature

Hai V.

Date
Considered

12/12/05

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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>	Complete If Known	
	Application Number	10/725,650
	Filing Date	December 2, 2003
	First Named Inventor	Wenguang Ma et al.
	Art Unit	1771
	Examiner Name	Hai Vo
SHEET 11 of 11		Attorney Docket No. ALCN-101US2

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
HW		International Search Report of International Application No. PCT/EP03/09090 dated November 17, 2003	<input type="checkbox"/>
HW		Anspruche 1,2,6,5, Spalte 1, Zeile 64 - Zeile 67	<input type="checkbox"/>
HW		International Search Report of International Application No. PCT/US03/29096 dated May 10, 2004	<input type="checkbox"/>
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Examiner Signature	Hai V	Date Considered	12/12/05
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